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(54) Title: LENS MACHINING MACHINE

(57) Abstract:

The invention relates to a machining machine (1) for lenses, which comprises a first workpiece drive (4a), configured as the transport receptacle and having a workpiece spindle (4.1), a workpiece changer (2) for exchanging workpieces between the workpiece drive (4a) and a workpiece stock (3), and a machining station (5) for machining a workpiece. The workpiece spindle (4.1) of the workpiece drive (4a) can be rotated about an axis of rotation (c1). The workpiece drive (4a) can be swiveled about a first swiveling axis (b1) which is arranged at a right angle to the axis of rotation (c1). The work piece drive (4a) can be rotated about an axis of rotation (k) which is arranged at a right angle to the first swiveling axis (b1). The machining machine according to the invention is characterized in that at least one further workpiece drive (4b) is provided and has a spindle (4.1, 4.1') that can be rotated about a respective axis of rotation (c1, c2). Both workpiece drives (4a, 4b) can be swiveled about a first swiveling axis (b1, b2) which is arranged at a right angle to the respective axis of rotation (c1, c2). Both workpiece drives (4a, 4b) can be displaced and driven in a translatory manner about a translatory axis of displacement (x1, x2) which is arranged at a right angle to the first swiveling axis (b1, b2). Both workpiece drives (4a, 4b) can be rotated together about the axis of rotation (k).

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